

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ashley et al.

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10 Examiner: Hussain, Tauqir

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15 For: **Method and system for providing user control over receipt of cookies from e-commerce applications**

20 **MISCELLANEOUS INCOMING LETTER**

The Examiner's Amendment mailed November 26, 2010, included an agreed-upon set of claim amendments. The wording set forth in that document is correct, but the format of several of the claims (and, in particular, several of the paragraphs and/or sub-paragraphs) is somewhat unclear in several places. Accordingly, the undersigned has attached another copy of the agreed-upon claim set that was submitted to the Examiner in the "Proposed For Entry" submission that was made on November 10, 2010 (and which formed the basis of the Examiner's Amendment). This copy is submitted solely to ensure that the claims as issued are printed in their proper format.

No amendments are submitted herewith.

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1. (cancelled)

2. (currently amended) The method of claim 4 28 wherein if the extracted domain identifier is not on the list of non-filtered domains but is on the list of filtered domains, the processing step further ~~comprising~~ comprises:

in response to a determination that the set of parameters contains the extracted domain identifier, blocking the cookie from transmission from the proxy server to the client; eaching the cookie at the proxy server; and sending a modified response message to the client.

3. (currently amended) The method of claim 4 28 wherein after adding that parameter to the set of parameters, the processing step further ~~comprising~~ comprises:

in response to a determination that the set of parameters contains the extracted domain identifier, sending the response message along with its associated cookie to the client.

4. (cancelled)

5. (currently amended) The method of claim 4 28 further comprising: determining, prior to processing the cookie at the proxy server in accordance with the retrieved set of parameters and the extracted domain identifier, if the set of parameters contains an indication that the user has enabled cookie processing by the proxy server.

6. (currently amended) The method of claim 4 28 further comprising: managing multiple sets of parameters for the user at the proxy server, wherein each set of parameters is associated with an identifier; and selecting by the user a first identifier that is associated with the set of parameters prior to retrieving the set of parameters, wherein the set of parameters is retrieved in accordance with the selected first identifier.

7. (original) The method of claim 6 wherein the first identifier is selecting during an authentication operation.

8. (original) The method of claim 6 further comprising:
5 selecting a second identifier; and
processing the cookie at the proxy server in accordance with a set of parameters that is associated with the second identifier.

9. (original) The method of claim 6 wherein identifiers that are associated with sets
10 of parameters are chosen from a group comprising a type of client device or a client location.

10. (currently amended) An apparatus for processing at a proxy server data transmitted between a server and a client that is operated by a user, wherein the proxy server communicates with the client and the server through a network, the apparatus comprising:

a processor;

5 a computer memory holding computer program instructions which when executed by the processor perform a method comprising:

receiving a set of parameters in a client message at the proxy server, wherein the set of parameters are configured by the user at the client;

10 storing the set of parameters at the proxy server, wherein the parameters comprise ~~domain identifiers associated with indications of whether to block transmission of cookies associated with the domain identifiers~~ a list of non-filtered domains and a list of filtered domains;

receiving at the proxy server a response message from the server for the client;

detecting at the proxy server a cookie associated with the response message;

15 extracting from the response message a domain identifier associated with the server;

retrieving the set of parameters; and

processing the cookie at the proxy server in accordance with the retrieved set of parameters and the extracted domain identifier, wherein the processing step comprises:

20 serving the response message from the proxy server to the client if the extracted domain identifier is on the list of non-filtered domains;

if the extracted domain identifier is not on the list of non-filtered domains but is on the list of filtered domains, caching the cookie and forwarding a modified response message from the proxy server to the client; and

25 if the extracted domain identifier is not on the list of non-filtered domains and is not on the list of filtered domains, prompting the user to enter a parameter for the extracted domain identifier, and adding that parameter to the set of parameters.

11. (currently amended) The apparatus of claim 10 wherein if the extracted domain identifier is not on the list of non-filtered domains but is on the list of filtered domains, the processing step of the method further comprises:

blocking the cookie from transmission from the proxy server to the client ~~in response to a~~
5 ~~determination that the set of parameters contains the extracted domain identifier;~~
~~eaching the cookie at the proxy server; and~~
~~sending a modified response message to the client.~~

12. (currently amended) The apparatus of claim 10 wherein after adding that
10 parameter to the set of parameters, the processing step of the method further comprises:

sending the response message along with its associated cookie to the client ~~in response to~~
~~a determination that the set of parameters contains the extracted domain identifier.~~

13. (cancelled)

14. (previously presented) The apparatus of claim 10 wherein the method further
comprises:

determining, prior to processing the cookie at the proxy server in accordance with the
retrieved set of parameters and the extracted domain identifier, if the set of parameters contains
20 an indication that the user has enabled cookie processing by the proxy server.

15. (previously presented) The apparatus of claim 10 wherein the method further
comprises:

managing multiple sets of parameters for the user at the proxy server, wherein each set of
25 parameters is associated with an identifier; and

selecting by the user a first identifier that is associated with the set of parameters prior to
retrieving the set of parameters, wherein the set of parameters is retrieved in accordance with the
selected first identifier.

16. (original) The apparatus of claim 15 wherein the first identifier is selecting during an authentication operation.

17. (previously presented) The apparatus of claim 15 wherein the method further
5 comprises:
selecting a second identifier; and
processing the cookie at the proxy server in accordance with a set of parameters that is
associated with the second identifier.

10 18. (original) The apparatus of claim 15 wherein identifiers that are associated with
sets of parameters are chosen from a group comprising a type of client device or a client location.

19. (currently amended) A computer program product in a non-transitory computer readable medium for use at a proxy server for processing data transmitted between a server and a client that is operated by a user, wherein the proxy server communicates with the client and the server through a network, the computer program product holding computer program instructions
5 which when executed by the proxy server perform a method comprising:

receiving a set of parameters in a client message at the proxy server, wherein the set of parameters are configured by the user at the client;

storing the set of parameters at the proxy server, wherein the parameters comprise ~~domain identifiers associated with indications of whether to block transmission of cookies associated~~
10 ~~with the domain identifiers~~ a list of non-filtered domains and a list of filtered domains;

receiving at the proxy server a response message from the server for the client;

detecting at the proxy server a cookie associated with the response message;

extracting from the response message a domain identifier associated with the server;

retrieving the set of parameters; and

15 processing the cookie at the proxy server in accordance with the retrieved set of parameters and the extracted domain identifier, wherein the processing step comprises:

serving the response message from the proxy server to the client if the extracted domain identifier is on the list of non-filtered domains;

20 if the extracted domain identifier is not on the list of non-filtered domains but is on the list of filtered domains, caching the cookie and forwarding a modified response message from the proxy server to the client; and

if the extracted domain identifier is not on the list of non-filtered domains and is not on the list of filtered domains, prompting the user to enter a parameter for the extracted domain identifier, and adding that parameter to the set of parameters.

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20. (currently amended) The computer program product of claim 19 wherein if the extracted domain identifier is not on the list of non-filtered domains but is on the list of filtered domains, the processing step of the method further comprises:

blocking the cookie from transmission from the proxy server to the client ~~in response to a~~
5 ~~determination that the set of parameters contains the extracted domain identifier;~~
~~eaching the cookie at the proxy server; and~~
~~sending a modified response message to the client.~~

21. (currently amended) The computer program product of claim 19 wherein after
10 adding that parameter to the set of parameters, the processing step of the method further
comprises:

sending the response message along with its associated cookie to the client ~~in response to~~
~~a determination that the set of parameters contains the extracted domain identifier.~~

15 22. (cancelled)

23. (previously presented) The computer program product of claim 19 wherein the method further comprises:

determining, prior to processing the cookie at the proxy server in accordance with the
20 retrieved set of parameters and the extracted domain identifier, if the set of parameters contains
an indication that the user has enabled cookie processing by the proxy server.

24. (previously presented) The computer program product of claim 19 wherein the method further comprises:

25 managing multiple sets of parameters for the user at the proxy server, wherein each set of
parameters is associated with an identifier; and

selecting by the user a first identifier that is associated with the set of parameters prior to
retrieving the set of parameters, wherein the set of parameters is retrieved in accordance with the

selected first identifier.

25. (original) The computer program product of claim 24 wherein the first identifier is selecting during an authentication operation.

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26. (previously presented) The computer program product of claim 24 wherein the method further comprises:

selecting a second identifier; and

processing the cookie at the proxy server in accordance with a set of parameters that is

10 associated with the second identifier.

27. (original) The computer program product of claim 24 wherein identifiers that are associated with sets of parameters are chosen from a group comprising a type of client device or a client location.

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28. (previously presented) A method for processing at a proxy server data transmitted between a server and a client that is operated by a user, wherein the proxy server communicates with the client and the server through a network, the method comprising:

receiving a set of parameters in a client message at the proxy server, wherein the set of
5 parameters are configured by the user at the client;

storing the set of parameters at the proxy server, wherein the parameters comprise a list of non-filtered domains and a list of filtered domains;

receiving at the proxy server a response message from the server for the client;

detecting at the proxy server a cookie associated with the response message;

10 extracting from the response message a domain identifier associated with the server;

retrieving the set of parameters; and

processing the cookie at the proxy server in accordance with the retrieved set of parameters and the extracted domain identifier, wherein the processing step comprises:

15 serving the response message from the proxy server to the client if the extracted domain identifier is on the list of non-filtered domains;

if the extracted domain identifier is not on the list of non-filtered domains but is on the list of filtered domains, caching the cookie and forwarding a modified response message from the proxy server to the client; and

20 if the extracted domain identifier is not on the list of non-filtered domains and is not on the list of filtered domains, prompting the user to enter a parameter for the extracted domain identifier, and adding that parameter to the set of parameters.

29. (previously presented) The method as described in claim 28 wherein the set of parameters comprise a first subset of parameters associated with a first profile associated with the
25 user, and a second subset of parameters associated with the user.

30. (previously presented) The method as described in claim 28 wherein the step of retrieving the set of parameters retrieves the first subset of parameters or the second subset of parameters based on a configuration setting associated with the user.